



FORM PTO-1449

ATTY. DOCKET NO.  
1875.0640001APPLICATION NO.  
09/973,871

APPLICANT: BUNN et al.

FILING DATE:  
October 11, 2001

GROUP: 2152

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
7LL	AD1	6,295,481	09/2001	Price			
7L	AE1	6,438,123	08/2002	Chapman			
7L	AF1	5,307,413	04/1994	Denzer			
7LL	AG1	6,198,735	03/2001	Pazhyannur et al.			
7L	AH1	6,542,931	04/2003	Le et al.			
7LL	AI1	6,434,168	08/2002	Kari			
	AJ1						
	AK1						

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

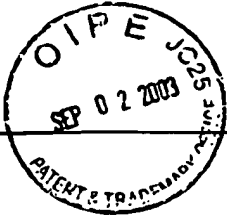
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	
	AS	1	
7LL	AT	4	International Preliminary Examination Report for PCT/US01/31559, dated November 25, 2002, (4 pages).

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DATE CONSIDERED 2/17/05

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FORM PTO-1449

**SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**ATTY. DOCKET NO.  
1875.0640001APPLICATION NO.  
09/973,871

APPLICANT: BUNN et al.

FILING DATE:  
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
KL	AJ1	US20020080868	06/27/2002	Bunn et al.			
KL	AK1	US20020062394	05/23/02	Bunn et al.			

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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>1</u>	
	AS	<u>1</u>	
	AT	<u>1</u>	

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FORM PTO-1449 <b>SECOND SUPPLEMENTAL</b> <b>INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1875.0640001	APPLICATION NO. 09/973,871
	APPLICANT: BUNN et al.	
	FILING DATE: October 11, 2001	GROUP: 2152

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
7CL	AA2	US20020106029	08/08/2002	Bunn et al.	—	—	
7CL	AB2	US20020049861	04/25/2002	Bunn et al.	—	—	
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	AF2						
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	AH2						
	AI2						
	AJ2						
	AK2						

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	
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	AT	2	

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Third Supplemental  
INFORMATION DISCLOSURE STATEMENT



ATTY. DOCKET NO.  
1875.0640001

FIRST NAMED INVENTOR: BUNN et al.

FILING DATE: October 11, 2001

APPLICATION NO.  
09/973,871

ART UNIT: 2152

### U.S. PATENT DOCUMENTS

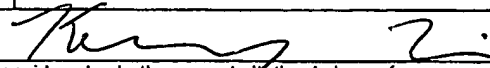
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	AA2						
	AB2						
7LL	AC2	6,300,887	10/2001	Le	—	—	
7LL	AD2	5,987,022	11/1999	Geiger et al.	—	—	
7LL	AE2	6,195,391	02/2001	Hancock et al.	—	—	
7LL	AF2	6,542,504	04/2003	Mahler et al.	—	—	
	AG2						
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	AJ2						
	AK2						

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

### OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

7LL	AR	5	Jacobson, V., "Compressing TCP/TP Headers For Low-Speed Serial Links", RFC 1144, Feb. 1990.
	AS	1	
	AT	1	

EXAMINER 	DATE CONSIDERED 2/17/05
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	FILING DATE October 11, 2001	GROUP 2152

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
7LL	AA1	5,293,379	03/1994	Carr	370	94.1	
7LL	AB1	5,831,558	11/1998	Harvell	341	106	
7LL	AC1	6,032,197	02/2000	Birdwell et al.	709	247	
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	AE1						
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
7LL	AL1	EP 0 806 852 A2	11/1997	EP	H04L	5/14	Yes No
7LL	AM1	EP 0 933 876 A1	08/1999	EP	H03M	7/30	Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

7LL	AR	1	"Radio Frequency Interface Specification SP-RFIV1.1-I05-000714," Data-Over-Cable Service Interface Specifications, July 14, 2000, retrieved from the Internet on May 20, 2002:<URL:http://www.docsis.org/docs/SP-RFIV1.1-I05-000714.pdf>, pp. i-xviii, 1-6, 15-21, 93-100, 143-178.
7LL	AS	1	"Transparent Automoding Procedure between a Local (Client) Modem and a Remote (Server) Modem," Research Disclosure, Kenneth Mason Publications, August 1999, pp. 1138-39.
7LL	AT	1	Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31554, 7 Pages.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 2/16/05
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	AA2						
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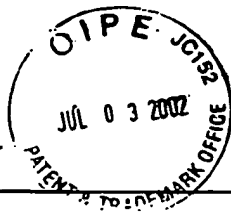
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KL	AR	2	Perkins, S.J. and Mutka, M.W., "Dependency Removal for Transport Protocol Header Compression over Noisy Channels," <i>IEEE</i> , 1997, pp. 1025-1029.
KL	AS	2	Jacobson, V., "Compressing TCP/IP Headers," RFC 1144, <i>Network Working Group</i> , February 1990, pp. 1-43.
KL	AT	2	Copy of International Search Report issued April 4, 2002 for Appln. No. PCT/US01/31556, 7 pages.

EXAMINER <i>Kuang Li</i>	DATE CONSIDERED 2/16/05
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

711	AR	3	Salomon, D., Data Compression: The Complete Reference, Springer, US, New York, NY, 1998, pp. 101-162 and 357-360.
711	AS	3	Copy of International Search Report issued April 4, 2002 for Appln. No. PCT/US01/31553, 7 pages.
711	AT	3	Casner, S. et al., "Compressing IP/UDP/RTP Headers for Low-Speed Serial Links," Network Working Group, February 1999, pp. 1-23.

EXAMINER <i>Kung Zi</i>	DATE CONSIDERED 2/16/05
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	AA4						
	AB4						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

7L	AR	4	Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31559, 6 pages.
7L	AS	4	Copy of International Search Report issued April 12, 2002 for Appln. No. PCT/US01/31567, 6 pages.
	AT	4	

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